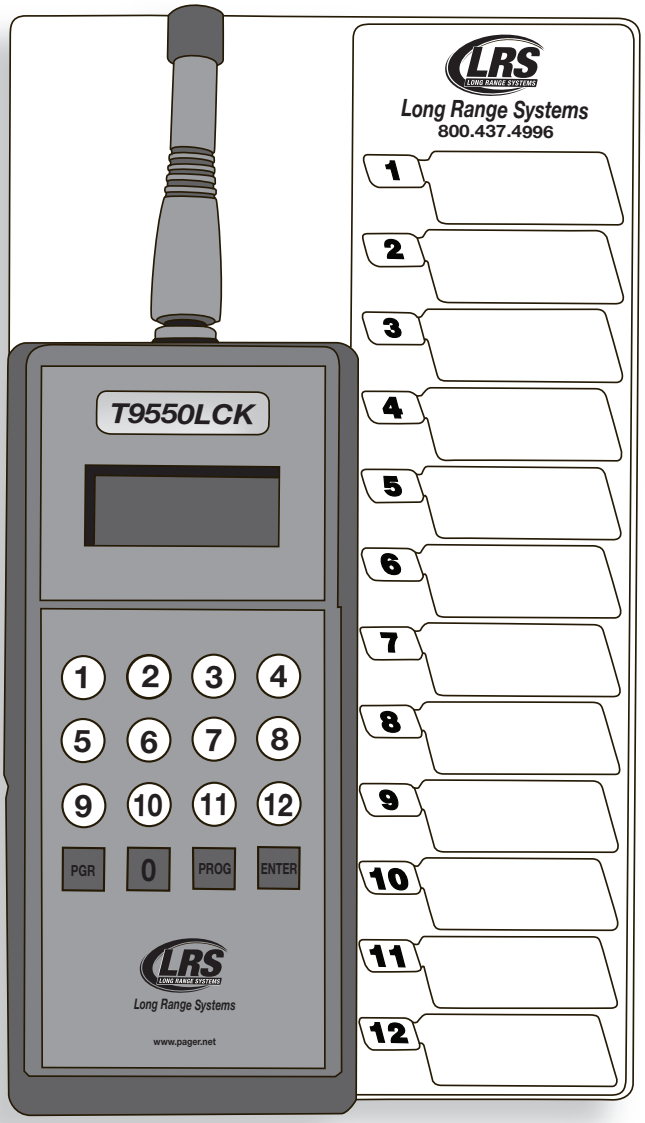
T9550 LCK

Paging System Transmitter

USER MANUAL



Usage, Installation, Warranty and Service Information

Long Range Systems, LLC
4550 Excel Parkway, Suite 200
Addison, TX 75001
800.437.4996 • www.pager.net

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Long Range Systems

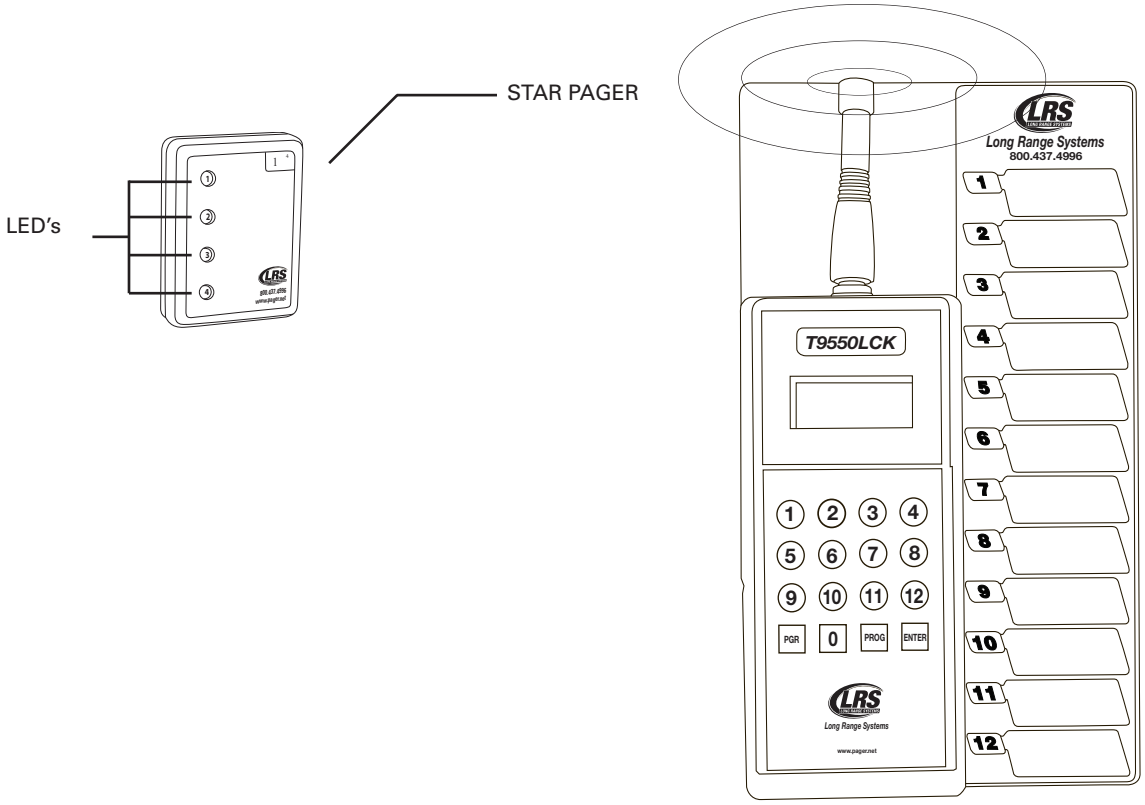
Long Range Systems is a provider of cutting-edge onsite paging solutions. We offer exceptional products and services that satisfy our customer's needs for years to come. Thorough familiarity with these instructions and procedures will ensure proper operation and maintenance of the system.

NOTE: *This guide should be kept readily available for managers and key staff.*

General Information

The T9550 LCK is an onsite paging system used to increase efficiency in operations by alerting key staff of immediate needs. The pagers used with the system can vibrate once, twice or three times.

NOTE: The T9550 LCK only works with LRS Star Pagers



Basic Installation and Setup

Hardware Provided

Each T9550 LCK transmitter kit contains:

(1) Transmitter keypad

(1) Antenna

(1) Dry-Erase Server Board

(1) 10VAC 2A power supply/charger

(1) Velcro strip for mounting

Installation Procedure

The following is the basic installation procedure

CAUTION:

- *Do not connect any other devices to the transmitter.*
- *The transmitter requires a dedicated power supply.*
- *Mounting the keypad antenna near any large metal objects will minimize the operating range.*

NOTE: The keypad should be charging whenever not in use.

1. Unwrap all system components.
2. Locate the silver connector located on the top of the transmitter unit. Twist the antenna (about 3" long) onto the connector.
3. Plug the power adapter/charger into a standard 110V outlet, and insert the barrel connector end into either of the side holes on the transmitter unit.
4. Press (hold for 5 seconds) and release the power-reset button located on the side of the transmitter unit. The keypad display will light.
5. Within 5-10 seconds, the display light will disappear signifying that the transmitter is charging (The display screen will be blank).
6. Upon completion of setup, allow the keypad to fully charge for at least 12 hours before use. Be sure that pagers are also fully charged.

Mounting:

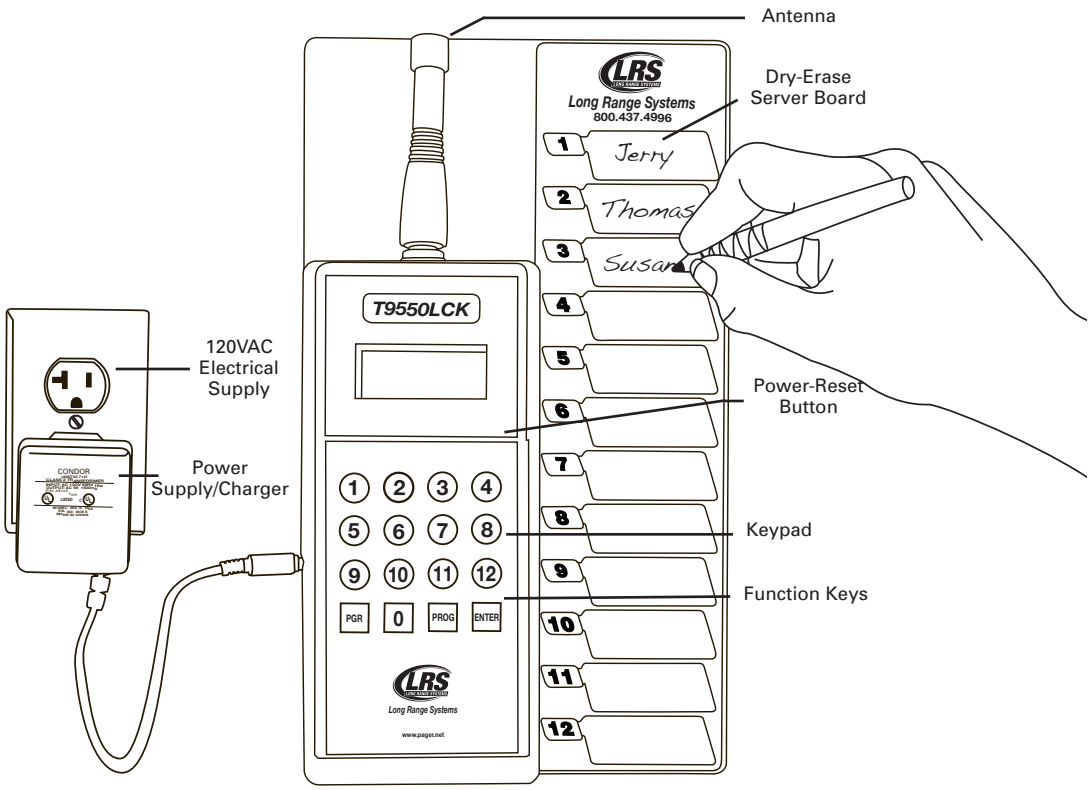
The transmitter unit can be mounted onto a wall surface.

- Use the Velcro mounting strip to mount the transmitter unit. Be sure to mount the unit close to a standard 110 V power outlet.

Portable Use:

The transmitter is rechargeable and can be used without the power supply.

- Disconnect the power supply from the transmitter unit to operate under battery power. Be sure to plug the power supply back into the transmitter when not in use to recharge the battery.



Transmitter/Keypad Elements

Power-Reset Button:

Used when the transmitter's battery is either depleted or low and needs to be charged. When pressed and released, the power-reset button ensures proper charging.

Dry-Erase Server Board:

Write the staff names on the label next to their pager number with a NON-PERMANENT, Dry-Erase Marker or grease pencil.

Keypad Functions

Before using the keypad, read the following key descriptions:

Number Keys:

The number keys 1 through 12 are "one touch" keys to instantly send a message to pagers numbered 1 – 12.

Function Keys:

The function keys are located on the last row of the transmitter keypad.

PGR – Used when entering pager numbers above 12.

0 – Used when entering pager numbers above 12 that contain a zero and when calling all pagers at once.

PROG – Used to alter messaging modes and to check the battery level.

ENTER – After entering pager numbers above 12, press ENTER to send the page.

Basic Paging Operations

NOTE: The T9550 LCK factory defaults are the most commonly used settings. (All units are set to vibe 1 time as the default.)

Paging

For pagers numbered 1 – 12:

1. Press the pager number
2. The unit will automatically send a page

For pagers numbered 13 and higher:

1. Press PGR
2. Enter the pager number (using the 0 – 9 keys)
3. Press the ENTER key

Page All Call

If all staff pagers need to be called simultaneously:

1. Press PGR
2. Press 0 - 0 - 0
3. Press the ENTER key

SYSTEM SETTINGS

Setting the Vibration Mode

Vibration mode determines the number of times a pager will vibrate when paged.

NOTE: The factory default setting for vibration mode is 1 vibration. (EX: When a page is sent from the transmitter, the pager will vibrate once)

To set the vibration mode, use the following steps:

- 1 vibration: Press PROG
  Enter 9 - 2 - 1 and press ENTER
- 2 vibrations: Press PROG
  Enter 9 - 2 - 2 and press ENTER
- 3 vibrations: Press PROG
  Enter 9 - 2 - 3 and press ENTER
- Page a pager (see pg. 6) to ensure that the pager vibrates the number of times programmed

System Reset

If the transmitter's battery has been completely depleted, it may require a system reset before operating properly. When the system is reset, the Restaurant ID (see pg. 7) and vibration mode (see pg. 7) will be set to factory default.

To reset the transmitter to factory default:

1. Press PROG
2. Enter 0 - 0 - 0 and press ENTER

Set Restaurant ID

NOTE: The T9550 LCK is shipped factory defaulted in the most commonly used configuration.

- The Restaurant ID factory default setting is 0.

Your system may or may not be shipped with the factory default setting ID = 0. However, this ID# is often used, except in cases where neighboring establishments both use LRS systems and would interfere with each other. Contact LRS to verify your Restaurant ID. (It is not recommanded to change system ID without speaking to LRS service departments.)

To change the ID:

1. Press PROG
2. Enter 9 - 0 - # (EX: 9 – 0 – 3, Restaurant ID = 3)
3. Press ENTER

Maintenance Functions

Range Test

Perform a range test to determine the furthest point a pager will receive the signal of the T9550LCK.

NOTE: Be sure to remove pagers from the charging base before performing the range test.

1. Press PROG
2. Enter 9 - 1- 2 and press ENTER
3. When the "0" begins scrolling across the screen, pagers will vibrate every 5 seconds (as long as they are receiving the signal)
4. Take a pager and walk around the area to verify that the pagers operate in all areas
5. When a pager stops vibrating every 5 seconds, it is out of range and is no longer receiving a signal from the transmitter

Check the Transmitter Battery level

1. Disconnect barrel end of the power adapter from the transmitter unit.
2. Press PROG and then ENTER.

The unit will show a number from 0 to 5:

- If plugged in – it does not matter.
- If the unit shows 4 or above – the charge is adequate for normal use.
- If the unit shows 3 – it is ok for short term use (1 - 2 hours).
- If the unit shows 2 or less (including blank) – it must be recharged before use.

Battery Charge

If the battery power has been completely depleted:

1. Plug the power supply/charger into the transmitter unit.
2. After 10 seconds press and release the power-reset button located on the side of the transmitter. The display will light.
3. Within 5-10 seconds, the display light will disappear and the screen will remain blank. This is an indication that the battery is charging.
4. Allow the keypad to charge for at least 12 hours.
5. Check the battery level to ensure that the battery is fully charged (see pg. 8).

Programming Pagers

Only LRS's Star Pagers can be reprogrammed from the T9550 LCK transmitter. If you would like to assign or reassign numbers to pagers, contact LRS to verify your restaurant ID before proceeding.

The following is the basic procedure for programming pagers:

1. Be sure to set the LCK for the restaurant ID in use (See "Restaurant ID" pg. 7).
2. Remove the pager from the charger and wait until it stops vibrating. (Note: remove only one pager at a time during programming)
3. Press PROG
4. Enter the number you wish to assign to the pager (Choose #: 1 – 899).
5. Press PROG
6. After the pager completes one glow mode cycle, page it to ensure that it's programmed correctly (See "Basic Paging Operations" pg. 6).
7. Repeat Steps 2 through 6 for each pager to program.

System Specifications

Notice: Operation is subject to the following:

- This device may not cause interference.
- This device will accept any interference including interference that may cause undesired operation of the unit.

T9550 LCK

Required Voltage: One-110V outlet for the transmitter keypad.

Operating Frequency: 467.750MHz

Radiated Power: <4900 micro-volts/meter

Operating Range: Dependent upon the paging environment.

Rechargeable Pager

Required voltage: (1) 110V outlet for 10VAC pager charger adapter.

Batteries: Rechargeable Nickel Metal Hydride (NiMH).

Battery life of pager: Approximately 48 hours (dependant on usage). Recharge time: 12 hours minimum from completely "dead".

Troubleshooting

Transmitter Unit

The Light On The Keypad Display Does Not Come On When A Key Is Pressed

- Perform a battery charge (see pg. 8), and check for a light after 30-minutes.
- If the display still does not light, check the charging power supply by plugging the power/charging supply used for the pager charger into the transmitter unit.
- If the display light comes on, there may be a problem with the T9550LCK power/charging supply. Call LRS Customer Support to order a new power supply.
- If the display still does not light, there may be a problem with the transmitter unit. Call LRS Customer Support for assistance.

The Keypad Display Is Functioning Properly But The Pager Does Not Receive the Page

- Perform a system reset (see pg. 7).
- Complete the steps for paging a pager (see pg. 6).
- If the pager still does not receive the page, call LRS Customer Support for assistance.

Pagers

Pager Charge Lights Do Not Come On

Pager charger should display a single red charge light when they are placed in the charger, and are charging correctly. If the red charge light is not visible on some or all charging slots, review the following recommendations to determine and solve the problem.

- Make sure the pagers are completely inserted into the charging slot.
- The power supply may be defective. Try plugging the power supply used for the transmitter into the pager charger.
- You may have more pagers charging on one power supply than recommended. Only 25 pagers can be charged on one 10V power supply. If you have more than 25 pagers, you should call LRS to order additional chargers.
- You may have a jumper wire that is not properly connected. Look on the side of your chargers and verify that all wires are connected properly. If they are connected, then the metal contacts on your pager may be dirty. Using a damp rag, clean the 2 metal contacts on the back of each pager.
- Be sure that your staff is not disconnecting the power supply at anytime or that you do not have the charger connected to a circuit that automatically shuts off after hours. The charging base should be plugged into a power outlet that is “ON” at all times (Be sure the pager is not in the charger backwards).
- If none of these recommendations solve your problem, call LRS Customer Support to determine the problem at 800-437-4996.

Service Questions and Answers

Should your paging system ever fail or should you need additional paging equipment, call Long Range Systems at (800) 437-4996.

Normal Business Hours

Monday – Friday 8:30 am to 5:00 pm Central Time.

Weekend or Evening Emergencies:

- Long Range Systems provides 24/7 live technical support.
- Please keep in mind that replacement options are limited on weekends and holidays.

Warranty

Long Range Systems, LLC permits a one-year manufacturer's warranty following the original consumer purchase date of any LRS system. Any individual components or products purchased will receive a 30-day manufacture warranty. This warranty covers any defects due to faulty material or workmanship, but does not include damage to the product resulting from accident, misuse or improper electrical connection. If the product or system should become defective within the warranty period, we will repair or replace with equivalent equipment, free of charge. We will pay transportation charges to return your product via standard FedEx Ground shipping, provided the product is shipped prepaid to:

Long Range Systems, LLC
4550 Excel Pkwy, Suite 200
Addison, TX 75001

No return or replacement can be received without prior authorization from the LRS Customer Support department or without the proper RMA# posted on the outside of the shipping container. Contact Customer Support at 800.437.4996 or www.pager.net. This warranty gives you specific legal rights and you may also have rights that vary by state.

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EU DECLARATION OF CONFORMITY

We, Long Range Systems hereby declare under our sole responsibility that the T9550 LCK paging transmitters and onsite pagers comply with the essential requirements in the European RE&TTE Directive 1999/5/EC of the European Parliament of the Council of 9 March 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity. The following standards were utilized:

ETS 300 224: 1998
EN 301 489-2: 2002
EN61000-3-2: 1998
EN 61000-3-3: 1995
EN 60950: 1992 with A1, A2, & A3.

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